#include <iostream>

using namespace std;

struct node

{

int data;

node \*next;

};

class linked\_list

{

private:

node \*head,\*tail;

public:

linked\_list()

{

head = NULL;

tail = NULL;

}

void addlast(int n)

{

node \*tmp = new node;

tmp->data = n;

tmp->next = NULL;

if(head == NULL)

{

head = tmp;

tail = tmp;

}

else

{

tail->next = tmp;

tail = tail->next;

}

}

node\* gethead()

{

return head;

}

static void display(node \*head)

{

node\* temp = head;

while(temp!=NULL){

cout<<temp->data<<" ";

temp = temp->next;

}

cout<<endl;

}

static linked\_list mergeTwolist(node \*a,node \*b)

{

linked\_list c;

node\* i = a;

node\* j = b;

while(i!=NULL && j!=NULL){

if(i->data<=j->data){

c.addlast(i->data);

i = i->next;

}

else{

c.addlast(j->data);

j = j->next;

}

}

while(i!=NULL){

c.addlast(i->data);

i = i->next;

}

while(j!=NULL){

c.addlast(j->data);

j = j->next;

}

return c;

}

};

int main()

{

linked\_list a;

linked\_list b;

int n,m,num;

cin>>n;

for(int i=0;i<n;i++){

cin>>num;

a.addlast(num);

}

cin>>m;

for(int i=0;i<m;i++){

cin>>num;

b.addlast(num);

}

linked\_list c = linked\_list::mergeTwolist(a.gethead(),b.gethead());

linked\_list::display(c.gethead());

return 0;

}